Apple Personal Modem: Setting registers from Applesoft BASIC

To set the registers on the Apple Personal Modem from Applesoft BASIC, use this program, based on a program that sends custom characters to ImageWriters. Line 60 contains the machine language program that downloads commands. Line 70 contains the ASCII codes for the command string.

Line 70 of this particular example makes the program set the S0 register to 255 by sending the string ATS0=255 <RETURN>, a return the APM must have to accept the command string in all cases.

```
10 D$=CHR$(4)
20 FOR I= 768 TO 773: READ J : POKE I,J : NEXT I
30 PRINT D$;"PR#2"
40 FOR I = 1 TO 9: READ J : POKE 769,J : CALL 768 : NEXT I
50 PRINT D$;"PR#0"
60 DATA 169,4,76,237,253,96
65 REM ENTER COMMANDS IN LINE 70 AS ASCII CODES
66 REM BE SURE FOLLOW COMMAND STRING WITH A RETURN (ASCII 13)
70 DATA 65,84,83,48,61,50,53,53,13
```

Refer to the APM manual and the ASCII code chart for more information.
Apple Technical Communications

Keywords: <None>

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This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 2027